

ABSTRACT

A power roller supporting structure for a toroidal continuously variable transmission, including a moveable disk, a stationary disk, the disks being rotatable about a first axis, power rollers disposed between the moveable and stationary disks and rotatable about a second axis and pivotally moveable about a third axis extending perpendicular to the second axis upon rotation of the moveable and stationary disks, the power rollers having a low speed ratio position where a reduced speed ratio between rotational speeds of the disks is obtained and a high speed ratio position where an increased speed ratio therebetween is obtained, and an arrangement for allowing the power rollers to move closer to the first axis along the second axis when the power rollers are placed in the low speed ratio position than when the power rollers are placed in the high speed ratio position.